

November 2020

Drinking Water State Revolving Fund



City of Moxee

Emergency Well Project

In 2019, the City of Moxee lost its main producing well, drilled in 1983. The well began to pull sediment, resulting in clogged treatment plant filters and sediment deposited in the reservoir. Upon inspection, they determined that the gravel pack in the well failed and the pump was pulling sand and clay. The well inspection also revealed the well casing was not vertically aligned, making maintenance or repairs impossible. The City was not able to meet daily demands with this well out of service, creating the potential for low pressures in the system and a possible subsequent backflow incident. The loss of this well also meant water restrictions for both residents and the commercial businesses in Moxee. The City of Moxee applied for and received a Drinking Water State Revolving Fund Emergency Loan, along with an emergency loan from Public Works Board to make the project complete.

- ◆ DWSRF Emergency Loan: \$500,000, at 0 percent interest, ten-year repayment period.
- ◆ Public Works Board Emergency Loan: \$1,000,000.

They drilled the well in spring of 2020 and it is now in service. City of Moxee is able to meet all system demands with its new well.

Public health and environmental benefits

City of Moxee is able to provide safe and reliable drinking water plus meet all customer demands for water. The new well protects public health along with supporting Moxee's economy



Finished new well.